

REMARKS

The Examiner is thanked for the careful examination of the application. To reduce the issues under consideration, Claims 1-4, 6, 7 and 9-12 have been canceled. Claims 5, 8, 13 and 14 are currently pending.

In view of the foregoing amendments and the remarks that follow, the Examiner is respectfully requested to reconsider and withdraw the rejection of the pending claims.

Art Rejection:

Claims 5, 8, 13 and 14 were rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication 2002/0113994, hereinafter *Smith*, in view of U.S. Patent No. 6,449,639, hereinafter *Blumberg*.

The invention recited in Claims 5, 8 and 13 generates an enlarged image for thumbnail image in response to a request from a portable terminal, and transmits the enlarged image to the portable terminal. Thus, if an original thumbnail image is too small to confirm the file contents on the portable terminal, a user of the portable terminal can request an enlarged image and then view the enlarged image to identify the contents of the file easily and securely. Since the enlarged image is generated only after receiving a request from a portable terminal, the enlarged image does not occupy a data storage area in a storage device before the request.

The Office Action states that *Smith* does not disclose generating an enlarged image for the thumbnail image. Thus, *Smith* lacks a claimed component, namely the generation of an enlarged image for thumbnail image in response to a request from the portable terminal.


To this end, therefore, the Office Action states that *Blumberg* discloses receiving a thumbnail image and generating a scalable document by zooming. *Blumberg* discloses that the scalable document is enlarged automatically. See column 12, lines 19-24. Since the scalable document is enlarged automatically, the enlarged document has to be retained in image server 340 regardless of the user's request. Thus, different scaled documents of each document such as images #1 - #4 shown in Figure 3 occupy the image server 340 on a persistent basis. Therefore, sufficient data storage area is required in the image server 340 to retain the large amount of image data. Such an approach is not as economical as the claimed subject matter.

Accordingly, *Blumberg* also lacks the claimed component, of generating an enlarged image for thumbnail image in response to a request from the portable terminal. Since both *Smith* and *Blumberg* lack the same claimed component, Claims 5, 8, 13 and 14 are submitted to be patentable over *Smith*, in view of *Blumberg*.

Accordingly, the Examiner is respectfully requested to reconsider and withdraw the rejection of these claims.

Respectfully submitted,
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